

U.S.S.N 10/099,700  
Madison *et al.*  
PRELIMINARY AMENDMENT

a62 Example, and comparing IC<sub>50</sub> value for matriptase to that determined for all or some of the following serine proteases: thrombin, recombinant tissue plasminogen activator (rt-PA), plasmin, activated protein C, chymotrypsin, factor Xa and trypsin.

**In the Claims:**

Please replace claims 13, 23, 79, 109, 112 and 115 with the following claims (a marked-up copy of the amended specification is attached to this Amendment):

a63 13. (Amended) The polypeptide of claim 12, wherein the domain is the protease domain.

a64 23. (Amended) An isolated nucleic acid molecule that encodes a mutein of claim 15.

79. (Amended) A method for identifying activators of the zymogen form of an MTSP7, comprising:

contacting a zymogen form of the polypeptide of claim 1 with a substrate of the activated form of the polypeptide;

a65 adding a test compound, wherein the test compound is added before, after or simultaneously with the addition of the substrate; and

detecting cleavage of the substrate, thereby identifying compounds that activate the zymogen.

a66 109. (Amended) The method of claim 108, wherein the tumor is a tumor of the breast, cervix, prostate, lung, ovary or colon.

a67 112. (Amended) The method of claim 111, wherein the tumor is a tumor of the breast, cervix, prostate, lung, ovary or colon.

a68 115. (Amended) The method of claim 114, wherein the tumor is a tumor of the breast, cervix, prostate, lung, ovary or colon.

**REMARKS**

Any fees that may be due in connection with this application throughout its pendency may be charged to Deposit Account No. 50-1213.